

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):	Jimmy TzeMing Pang et al		
Serial No.:		Examiner:	
Filed:	April 15, 2004	Group Art Unit:	
Title:	Adaptive Recording Band Expansion Methodology		
Docket:	STL11441		

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
--	--

INFORMATION DISCLOSURE STATEMENT

## Section 1. Forms PTO/SB/08A and 08B (substitute for Form PTO-1449)

Form PTO/SB/08A is attached hereto.

## Section 2. Remarks or Additional Statements

- ☒ This Information Disclosure Statement is being filed along with a new patent application.
- ☐ This Information Disclosure Statement is being filed *within* three months of the filing date of the application or date of entry into the national stage of an international application or *before* the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. 1.97(b).
- ☐ 37 C.F.R. §1.97(c) This Information Disclosure Statement is being filed *after* three months of the filing date of this national application or the date of entry of the national Stage as set forth in Section 1.491 in an international application or after the mailing date of the first Office Action on the merits, whichever event occurred last but *before* the mailing date of either:
1. a final action under section 1.113; or
  2. a notice of allowance under section 1.311  
whichever occurs first.
- ☐ A fee under 37 C.F.R. §1.17(p) is required because no certification under 37 C.F.R. §1.97(e) has been made; or
- ☐ No fee is required because certification statement under 37 C.F.R. §1.97(e) is noted below.
- ☐ 37 C.F.R. §1.97(d) This Information Disclosure Statement is being filed *after* a final action under §1.113, or a notice of allowance under §1.113, whichever occurs first, but before, or simultaneously with, the payment of the issue fee.
- ☐ A fee under 37 C.F.R. §1.17(p) is required and either of the statements below (37 C.F.R. §1.97(e)).

☐ 37 C.F.R. §1.97(e) Choose either Statement:

- ☐ Each item of information contained in the IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing; or
- ☐ No item of information contained in the IDS was cited in a communication from a foreign patent office in the counterpart foreign application, and to my knowledge no item of information contained in the IDS was known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this IDS.

Consideration of the listed items is respectfully requested.

Respectfully submitted,

SEAGATE TECHNOLOGY LLC  
(Assignee of Entire Interest)



Kirk A. Cesari, Reg. No. 47,479  
SEAGATE TECHNOLOGY LLC  
Intellectual Property Dept. SHK2LG  
1280 Disc Drive  
Shakopee, MN 55379  
952-402-3534 (telephone)  
952-402-2657 (facsimile)

4-14-04  
Date

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):	Jimmy TzeMing Pang et al		
Serial No.:		Examiner:	
Filed:	April 15, 2004	Group Art Unit:	
Title:	Adaptive Recording Band Expansion Methodology		
Docket:	STL11441		

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
(REVOCATION OF PRIOR POWERS)**

As assignee of record of the entire interest of the above identified application,

**REVOCATION OF PRIOR POWERS OF ATTORNEY**

all powers of attorney previously given are hereby revoked and

**NEW POWER OF ATTORNEY**

the following practitioners/patent agent are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith.

Derek J. Berger, Registration No. 45,401	Raghunath S. Minisandram, Registration No. 38,683
Kirk A. Cesari, Registration No. 47,479	Carol I. Bordas, Registration No. 37,284
Paul T. Dietz, Registration No. 38,858	Jennifer M. Buenzow, Registration No. 50,124
David K. Lucente, Registration No. 36,202	Joseph F. Vilella, Jr., Registration No. 30,599
Jesus Del Castillo, Registration No. 51,604	Brendan Hanley, Registration No. 52,429
Charles A. Jacobson, Registration No. 53,061	

**CHANGE OF ATTORNEY'S/ AGENT'S ADDRESS IN APPLICATION**

Kirk A. Cesari  
Seagate Technology LLC  
Intellectual Property Dept. - SHK2LG  
1280 Disc Drive  
Shakopee, MN 55379-1863  
(952) 402-3534 (telephone)  
(952) 402-2657 (facsimile)

**STATEMENT UNDER 37 CFR 3.73(b)**

Seagate Technology LLC states that it is the Assignee of Entire Interest in the patent application/patent identified above by virtue of an Assignment from the inventor(s) of the patent application/patent identified above. A copy of the Assignment is attached and/or was recorded in the Patent and Trademark Office at Reel , Frame . The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the Assignee.

Respectfully submitted,

SEAGATE TECHNOLOGY LLC  
(Assignee of Entire Interest)

4-14-04  
Date

  
Kirk A. Cesari, Reg. No. 47,479  
Patent Agent  
SEAGATE TECHNOLOGY LLC  
Intellectual Property Dept. - SHK2LG  
1280 Disc Drive  
Shakopee, MN 55379-1863  
(952) 402-3534 (telephone)  
(952) 402-2657 (facsimile)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	
Filing Date	4-15-2004
First Named Inventor	Jimmy TzeMing Pang et al
Art Unit	
Examiner Name	
Attorney Docket Number	STL11441

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US- 6,005,725	12-21-1999	Emo	
	AB	US- 6,480,361	11-12-2002	Patterson	
	AC	US- 6,260,257	7-17-2001	Emo	
	AD	US- 6,239,937	5-29-2001	Troemel	
	AE	US- 6,091,559	7-18-2000	Emo	
	AF	US- 6,061,195	5-9-2000	Wilson	
	AG	US- 5,870,237	2-9-1999	Emo	
	AH	US- 5,596,458	1-21-1997	Emo	
	AI	US- 5,485,321	1-16-1996	Leonhardt	
	AJ	US- 4,471,396	9-11-1984	Iftikar	
	AK	US- 4,435,752	3-6-1984	Winkelman	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.